



unlock test

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/520,492  
Source: PUT/10  
Date Processed by STIC: 1/18/05

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 01/18/2005

PATENT APPLICATION: US/10/520,492

TIME: 14:23:59

Input Set : A:\21125YP SEQ 010705.TXT

Output Set: N:\CRF4\01182005\J520492.raw

4 <110> APPLICANT: Buser-Doepner, Carolyn A.  
 5 Coleman, Paul J.  
 6 Cox, Christopher D.  
 7 Fraley, Mark E.  
 8 Garbaccio, Robert M.  
 9 Hartman, George D.  
 10 Heimbroom, David C.  
 11 Huber, Hans E.  
 12 Kuo, Lawrence C.  
 13 Sardana, Vinod V.  
 14 Torrent, Maricel  
 15 Youwei, Yan  
 18 <120> TITLE OF INVENTION: MITOTIC KINESIN BINDING SITE  
 21 <130> FILE REFERENCE: 21125YP  
 C--> 23 <140> CURRENT APPLICATION NUMBER: US/10/520,492  
 C--> 24 <141> CURRENT FILING DATE: 2005-01-07  
 26 <150> PRIOR APPLICATION NUMBER: 60/394,313  
 27 <151> PRIOR FILING DATE: 2002-07-08  
 29 <160> NUMBER OF SEQ ID NOS: 1  
 31 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 33 <210> SEQ ID NO: 1  
 34 <211> LENGTH: 368  
 35 <212> TYPE: PRT  
 36 <213> ORGANISM: human  
 38 <400> SEQUENCE: 1  
 39 Met Ala Ser Gln Pro Asn Ser Ser Ala Lys Lys Lys Glu Glu Lys Gly  
 40 1 5 10 15  
 41 Lys Asn Ile Gln Val Val Val Arg Cys Arg Pro Phe Asn Leu Ala Glu  
 42 20 25 30  
 43 Arg Lys Ala Ser Ala His Ser Ile Val Glu Cys Asp Pro Val Arg Lys  
 44 35 40 45  
 45 Glu Val Ser Val Arg Thr Gly Gly Leu Ala Asp Lys Ser Ser Arg Lys  
 46 50 55 60  
 47 Thr Tyr Thr Phe Asp Met Val Phe Gly Ala Ser Thr Lys Gln Ile Asp  
 48 65 70 75 80  
 49 Val Tyr Arg Ser Val Val Cys Pro Ile Leu Asp Glu Val Ile Met Gly  
 50 85 90 95  
 51 Tyr Asn Cys Thr Ile Phe Ala Tyr Gly Gln Thr Gly Thr Gly Lys Thr  
 52 100 105 110  
 53 Phe Thr Met Glu Gly Glu Arg Ser Pro Asn Glu Glu Tyr Thr Trp Glu  
 54 115 120 125  
 55 Glu Asp Pro Leu Ala Gly Ile Ile Pro Arg Thr Leu His Gln Ile Phe  
 56 130 135 140

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```

57 Glu Lys Leu Thr Asp Asn Gly Thr Glu Phe Ser Val Lys Val Ser Leu
58 145                      150                      155                      160
59 Leu Glu Ile Tyr Asn Glu Glu Leu Phe Asp Leu Leu Asn Pro Ser Ser
60                      165                      170                      175
61 Asp Val Ser Glu Arg Leu Gln Met Phe Asp Asp Pro Arg Asn Lys Arg
62                      180                      185                      190
63 Gly Val Ile Ile Lys Gly Leu Glu Glu Ile Thr Val His Asn Lys Asp
64                      195                      200                      205
65 Glu Val Tyr Gln Ile Leu Glu Lys Gly Ala Ala Lys Arg Thr Thr Ala
66                      210                      215                      220
67 Ala Thr Leu Met Asn Ala Tyr Ser Ser Arg Ser His Ser Val Phe Ser
68 225                      230                      235                      240
69 Val Thr Ile His Met Lys Glu Thr Thr Ile Asp Gly Glu Glu Leu Val
70                      245                      250                      255
71 Lys Ile Gly Lys Leu Asn Leu Val Asp Leu Ala Gly Ser Glu Asn Ile
72                      260                      265                      270
73 Gly Arg Ser Gly Ala Val Asp Lys Arg Ala Arg Glu Ala Gly Asn Ile
74                      275                      280                      285
75 Asn Gln Ser Leu Leu Thr Leu Gly Arg Val Ile Thr Ala Leu Val Glu
76                      290                      295                      300
77 Arg Thr Pro His Val Pro Tyr Arg Glu Ser Lys Leu Thr Arg Ile Leu
78 305                      310                      315                      320
79 Gln Asp Ser Leu Gly Gly Arg Thr Arg Thr Ser Ile Ile Ala Thr Ile
80                      325                      330                      335
81 Ser Pro Ala Ser Leu Asn Leu Glu Glu Thr Leu Ser Thr Leu Glu Tyr
82                      340                      345                      350
83 Ala His Arg Ala Lys Asn Ile Leu Asn Lys Pro Glu Val Asn Gln Lys
84                      355                      360                      365

```

**VERIFICATION SUMMARY**

DATE: 01/18/2005

PATENT APPLICATION: **US/10/520,492**

TIME: 14:24:00

Input Set : **A:\21125YP SEQ 010705.TXT**

Output Set: **N:\CRF4\01182005\J520492.raw**

L:23 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:24 M:271 C: Current Filing Date differs, Replaced Current Filing Date